

## **SECTION 09 68 00**

### **CARPETING**

#### **PART 1 GENERAL**

##### **1.01 PROJECT SCOPE**

- A. Remove and recycle existing carpeting.
- B. Install new specified carpeting.
  - 1. Base Bid: Install new carpeting on the Ground level, Mezzanine, Mezzanine Elevator Lobby, and Stairs down to the Lobby of the Council Chambers.

##### **1.02 PERFORMANCE REQUIREMENTS**

- A. Complete order of carpet NLT February 6, 2012.
- B. Removal of carpet and floor preparation commence by June 27, 2012.
- C. Installation of carpeting commence by July 3, 2012
- D. Substantial completion by July 16, 2012.
- E. Punch List Review by July 20, 2012.
- F. Corrective Action completed by July 25, 2012.

##### **1.03 DELIVERY, STORAGE, AND HANDLING.**

- A. Deliver/Pick-up of material is allowed after 6pm or on weekend for free parking at City Hall.
- B. Deliver/Pick-up of material is allowed during normal business hours when a street closure permit for Commerce Street is required.
- C. No vehicles are allowed in Trevino Alley.

##### **1.04 QUALIFICATIONS**

- A. Installer: Company specializing in performing the work of this specification with a minimum of 5 years experience.
- B. Subcontractors shall meet SBEDA goals established in respondent contract.

##### **1.05 SUBMITTALS:**

- A. Product data for material specified to include construction details, material descriptions and finish options

#### **PART 2 PRODUCTS**

##### **2.01 WOVEN BROADLOOM CARPET (1,390 SQ YDS)**

- A. PHYSICAL CONSTRUCTION
  - 1. CONSTRUCTION: Graphic Loop Pile
  - 2. FACE FIBER: Invista Antron Legacy Type 6,6 Four Hole, Hollow Filament Nylon, with Permanent Stain and Bleach Protection, Static Control, and Duratech Soil Resistant Treatment
  - 3. DYE METHOD: Solution / Yarn
  - 4. GAUGE: 1/10
  - 5. STITCHES PER INCH: 12
  - 6. PILE THICKNESS: .122 Inches
  - 7. TUFTED YARN WEIGHT: 20 Ounces Per Square Yard
  - 8. DENSITY: Average Density = 5,901; Average Weight Density = 118,032
  - 9. PRIMARY BACKING: 100% Synthetic
  - 10. SECONDARY BACKING: UltraBac RE with Minimum 10% Recycled Content and Lifetime Warranty Standard or equivalent
  - 11. STANDARD SIZE: 12' Width

**B. ENVIRONMENTAL**

1. RECYCLED CONTENT: Minimum 10% Post-Consumer Recycled Content by Total Product Weight
2. NSF / ANSI-140 CERTIFICATION: Platinum
3. CRI GREEN LABEL PLUS ID: GLP2278

**C. WARRANTIES**

1. WARRANTY: Lifetime Limited Warranty, Covering Face Wear, Delamination, Tuft Bind, Unraveling, and Static Protection
2. BLEACH RESISTANT WARRANTY: ColorSafe with 15 Year Limited Warranty Against Color Loss from Bleach Spills
3. STAIN RESISTANT WARRANTY: XGUARD with 15 Year Limited Warranty Against Staining

**2.02 CARPET ACCESSORIES**

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, nonstaining type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed carpet and is recommended or provided by carpet manufacturer [Mannington Ultra Adhesive BOND WARRANTY: 10 Year Limited Warranty When Used With Mannington UltraBac RE Carpet].
- C. Seam Adhesive: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for sealing and taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
- D. Sound Control Underlayment: Composition, structural board; Homasote 440 SoundBarrier, 5/8" thick.

**PART 3 EXECUTION**

**3.01 CARPET INSTALLATION**

- A. Comply with CRI 104 and carpet manufacturer's written installation instructions for the following:
  1. Direct-Glue-Down Installation: Comply with CRI 104, Section 9, "Direct Glue-Down Installation."
  2. Double-Glue-Down Installation: Comply with CRI 104, Section 10, "Double Glue-Down Installation."
  3. Preapplied Adhesive Installation: Comply with CRI 104, Section 11.4, "Pre-Applied Adhesive Systems (Peel and Stick)."
  4. Hook-and-Loop Installation: Comply with CRI 104, Section 11.5, "Hook and Loop Technology."
  5. Stretch-in Installation: Comply with CRI 104, Section 12, "Stretch-in Installation."
  6. Stair Installation: Comply with CRI 104, Section 13, "Carpet on Stairs" for stretch-in or glue-down installation, as applicable.
- B. Comply with carpet manufacturer's written recommendations and Shop Drawings for seam locations and direction of carpet; maintain uniformity of carpet direction and lay of pile at doorways, center seams under the door in closed position.
- C. Extend carpet into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- D. Install pattern parallel to walls and borders.
- E. Installer shall submit diagram of carpet seams before beginning installation for City staff review.
- F. Install carpet by trimming edges, butting cuts with seaming cement, and taping and/or sewing seams to provide sufficient strength for stretching and continued stresses during life of carpet.

### **3.02 FLOORING PREPARATION**

- A. Perform all substrate preparation procedures in strict accordance with carpet and adhesive Manufacturer's recommendations.
- B. Replace any damaged sound attenuation underlayment as required, if present. If not existing, install new sound board on any raised platform surface.
- C. Surfaces to receive carpet must be free of dirt, solvents, oil, grease, paint, plaster, moisture and other substances detrimental to proper performance of adhesive and carpet.
- D. Grind down ridges, bumps, and other irregularities. Fill cracks, contraction joints, holes, and depressions with subfloor filler as recommended by manufacturer to achieve smooth, flat, hard surface. Use the highest quality patching and leveling compounds and always follow the manufacturer's recommendations for their use and application.
- E. Mechanically remove adhesive, paint, oils, waxes, sealers and curing compounds on substrate not compatible with adhesive to be used. Do not use solvents contrary to manufactures' installation guidelines.
- F. Apply adhesive uniformly to substrate in accordance with manufacturer's instructions. Butt edges tight to form seams without gaps. Roll entire area lightly to eliminate air pockets and ensure uniform bond.
- G. Terminate flooring at centerline of door openings where adjacent floor finish is dissimilar. Where flooring continues through door opening, continue established pattern with no interruption.

### **3.03 DISPOSAL OF MATERIAL**

- A. Contractor will deliver carpet removed from the City Council Chambers to Balcones Resources in Austin, Texas, or similar waste-to-energy facility. Balcones Resources will transport carpet from its Austin facility to Balcones Fuel Technology in Little Rock, Arkansas for conversion to alternative fuel.
- B. Contractor will be responsible for all fees to Balcones Resources or similar facility.
- C. Where applicable recycle as much items and possible with documentation to show proof of recycling effort.

### **3.04 CLEANING**

- A. Remove adhesive from carpet surface with manufacturer's recommended cleaning agent, and application instructions.

- B. Remove and dispose of debris and unusable scraps. Vacuum with commercial machine with face-beater element. Remove soil. Replace carpet where soil cannot be removed. Remove protruding face yarn.
- C. Vacuum carpet.

**END OF SECTION**